

EMS Focus

A Collaborative Federal Webinar Series

Traffic Incident Management: *Keeping Clinicians Safe*

Wednesday, May 31, 2023
3pm ET

Today's Agenda

1. DOT Commitment to Traffic Incident Management
2. A Firefighter-EMT's Story
3. Benefits of TIM Training for EMS
4. Educating Clinicians to Reduce Death and Disability
5. Q&A

NHTSA's Office of Emergency Medical Services Mission



Reduce death & disability on our roadways



Provide leadership & coordination to EMS & 911 communities



Assess, plan, develop, & promote comprehensive, evidence-based EMS & 911 systems

National Roadway Safety Strategy

United States Department of Transportation | January 2022

“

U.S. DOT is committed to...make advances in survivability through the delivery of equitable and impartial post-crash care, including EMS and 911.

”

Safe Systems Approach

- Safer People
- Safer Roads
- Safer Vehicles
- Safer Speeds
- Post-Crash Care



Learn More



Key DOT Post-Crash Care Actions



Improve the delivery of EMS throughout the nation



Improve the availability and quality of national EMS data



Improve EMS personnel on-scene safety through outreach and training

Key DOT Post-Crash Care Actions



Learn More

Bipartisan Infrastructure Law

**~50% increase
in funding**



Bipartisan Infrastructure Law

USDOT will leverage funding & policies in Bipartisan Infrastructure Law to bring strategy to life:

- **Nearly \$14 billion in NEW funding** for road safety including:
 - **\$6 billion** authorized for a new **Safe Streets and Roads for All** program to fund local efforts to reduce crashes and fatalities – **review Action Plan recipients**
 - **~ \$4 billion** added to Highway Safety Improvement Plan (HSIP)
 - **~ \$4 billion** for improved data collection, vehicle safety programs, and truck safety

In the Senate of the United States,

August 10, 2021.

Resolved, That the bill from the House of Representatives (H.R. 3684) entitled “An Act to authorize funds for Federal-aid highways, highway safety programs, and transit programs, and for other purposes.”, do pass with the following

AMENDMENT:

Strike all after the enacting clause and insert the following:

1 **SECTION 1. SHORT TITLE; TABLE OF CONTENTS.**

2 (a) **SHORT TITLE.**—*This Act may be cited as the “In-*
3 *frastructure Investment and Jobs Act”.*

4 (b) **TABLE OF CONTENTS.**—*The table of contents for*
5 *this Act is as follows:*

Sec. 1. Short title, table of contents.
Sec. 2. References.

DIVISION A—SURFACE TRANSPORTATION

Sec. 10001. Short title.
Sec. 10002. Definitions.
Sec. 10003. Effective date.

U.S. Fire Administration and NHTSA Office of EMS partner to study roadside “struck-by” incidents to emergency responders

The interagency agreement will address this significant but poorly understood risk to public safety and identify practices to improve responder safety.

Highway Safety Grant Funding Deadlines

- **Deadline: July 1, 2023**
 - 2024 – 2026 Triennial Highway Safety Plans due (*new*)
 - Requires descriptions of “countermeasure strategies” supported by “problem identification” & “justification [of] effectiveness”
- **Deadline: August 1, 2023**
 - 2024 Annual Highway Safety Plans due
 - Includes adjustments to Triennial Plan & countermeasure strategies
 - Programmatic grant application to NHTSA for efforts under:
 - Section 402 State & Community Highway Safety Grant Program
 - Section 405(c) State Traffic Safety Information System Improvement
 - Section 405(h) Preventing Roadside Deaths (*new*)



Mark Kehrli
Director, FHWA Office of
Transportation Operations

WHAT IS TIM?

TIM is about coordinated efforts to detect, respond to, and clear traffic incidents safely and quickly.



Source: Enforcement Engineering, Inc.

**6.1 Million
police-reported
crashes
(year 2021)**



Source: Vince Fairhurst.

**Causes responder
exposure and safety
risks to all motorists**



Source: Wisconsin Department of Transportation.

**TIM is an evidence
based, low-cost
solution**



**30% fewer
secondary crashes
involving
responders
through TIM**

Source: Arizona
DPS.



Source: Enforcement Engineering,
Inc.

**30% - 35% lower
incident clearance
time through TIM**

Source: Virginia DPS,
Maryland and
Oregon DOT

TIM Strategies **Save Lives, Time, and Money**

- State or regional multidisciplinary coalitions or committees.
- National TIM Responder Training.
- Policy, legislation, and enforcement.
- Performance and technology-based operations.



Today's Panelists



Meghan Quinn

Glen Echo Fire Department, psychiatrist in the US military and has been a volunteer firefighter and EMT in Maryland for nearly 16 years.



Joseph (Joe) Tebo

Transportation Specialist for National Traffic Incident Management Program within the Federal Highway Administration. Served more than 44 years as volunteer firefighter and served as an ALS provider (MD-CRT), Rescue Specialist, and Commanding Officer of the Fire Department.



Jim Austrich

Program Manager for National Traffic Incident Management Responder Program within the Federal Highway Administration, Office of Transportation Operations at the USDOT. Brings more than 30 years of expertise in Traffic Incident, Emergency Management and Operations.

Struck By Incidents Happen



Renewed Focus on Safety

National Roadway Safety Strategy (NRSS)

- Adopts Safe System Approach principles, including five implementation objectives, one of which is post-crash care.
- Specifically lists TIM as an action to support NRSS objectives.
 - **Develop and implement outreach plan for emergency medical services (EMS) personnel for on-scene safety and traffic incident training.**
 - Advance TIM training and technologies targeted at improved responder (including EMS) and motorist safety.



National Roadway Safety Strategy Objectives

All Image Source: FHWA.



TIM EMS Outreach Plan

- **Developed by FHWA with input from NEMSMA, NASEMSO, and NHTSA**
- **Goal is to promote safe traffic incident response practices among EMS personnel.**

Objectives:

1. Increase the number of State EMS Offices that engage with counterpart state TIM Committees.
2. Make EMS personnel aware of TIM, the National TIM Responder Training course, and that it qualifies for continuing education credits.
3. Increase the number of EMS training entities that offer/incorporate the National TIM Responder training for initial training and continuing education credit.

*NEMSMA is the National EMS Management Association and NASEMSO is the National Association of State EMS Officials.



Institutionalizing the National TIM Responder Training **WHAT and WHY**



National TIM Responder Training

- **Developed by responders for responders** for ALL aspects of TIM and responder safety.
- TIM Training Goals:
 - Train 1M Responders
 - Institutionalize training
- Multiple free and accessible training options.
- **KY and GA require TIM Responder Training as a part of Paramedic/EMS licensing.**



National Traffic Incident Management
Responder Training Program

4-Hour Trainer Guide
August 2013



U.S. Department of Transportation
Federal Highway Administration

SHRP2 SOLUTIONS
STRATEGIC HIGHWAY RESEARCH PROGRAM



AMERICAN ASSOCIATION OF
STATE HIGHWAY AND
TRANSPORTATION OFFICIALS
AASHTO
ADVANCING TRANSPORTATION

TRB



- **In-Person Classroom Training**
<https://ops.fhwa.dot.gov/tim/training/index.htm>

- **E-Learning Version of the National TIM Responder Training Program.**
 - Web-based, four-hour National TIM Training through FHWA National Highway Institute bit.ly/TIMWebTraining
 - Emergency Responder Safety Institute equivalent 10-module training:
<https://learning.respondersafety.com/>

- **Coming Soon:**
 - Refreshed curriculum
 - Technology and rural TIM lessons

Continuing Education Credits for TIM Training

- Licensed firefighter, paramedic or emergency medical technicians can receive continuing education units (CEUs*) towards certification or recertification for the 4-hour web-based National TIM Training (NHI course 133126A)

*Commission on Accreditation for Pre-Hospital Continuing Education (CAPCE)



National TIM Responder Training Program Completion Certificate

This acknowledges that

License Number, State: _____

has successfully completed the
National Traffic Incident Management Responder Training Course | FHWA-NHI-133126A

This CE activity is accredited for four basic CEH by CAPCE

Date: _____ Location: Federal Highway Administration
National Highway Institute

Dr. Jon R. Krohmer, M.D.
EMS Medical Director

CAPCE Provider Number: _____

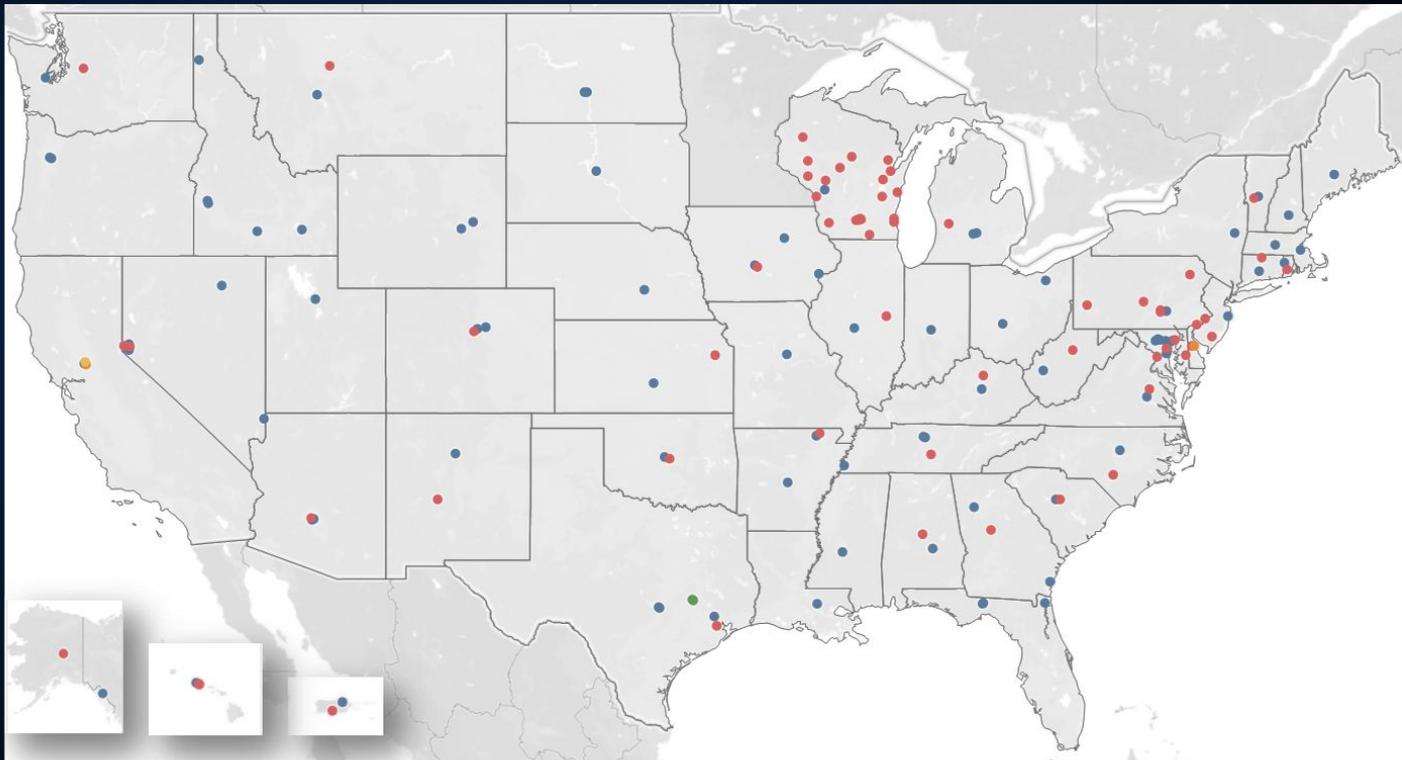
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Source: FHWA.



Approximately 125 law enforcement, fire, and EMS training academies have TIM training curriculum

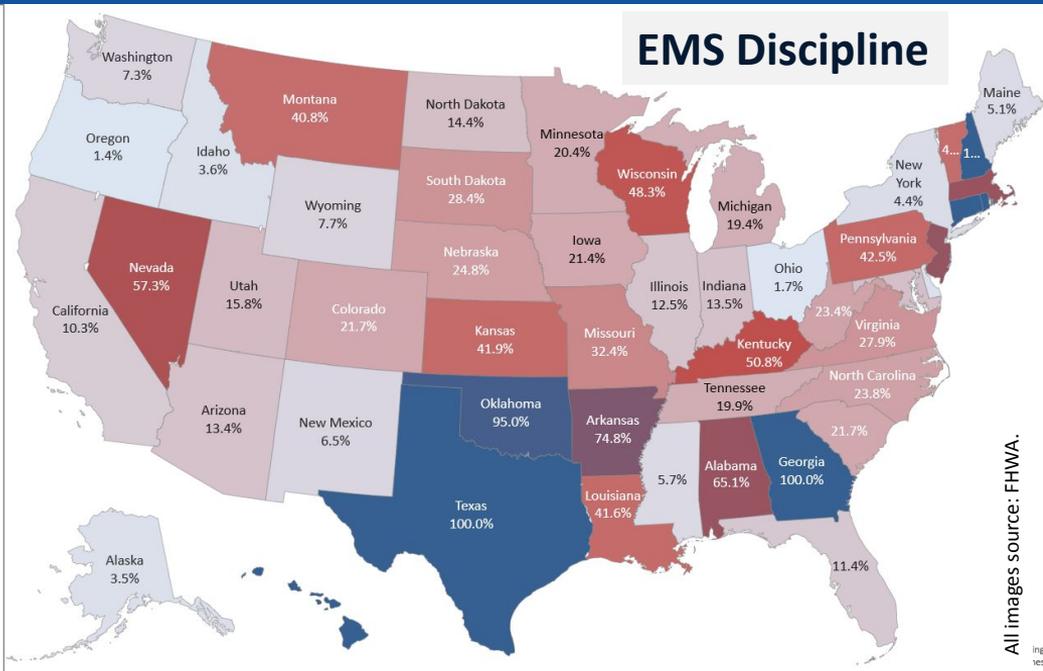
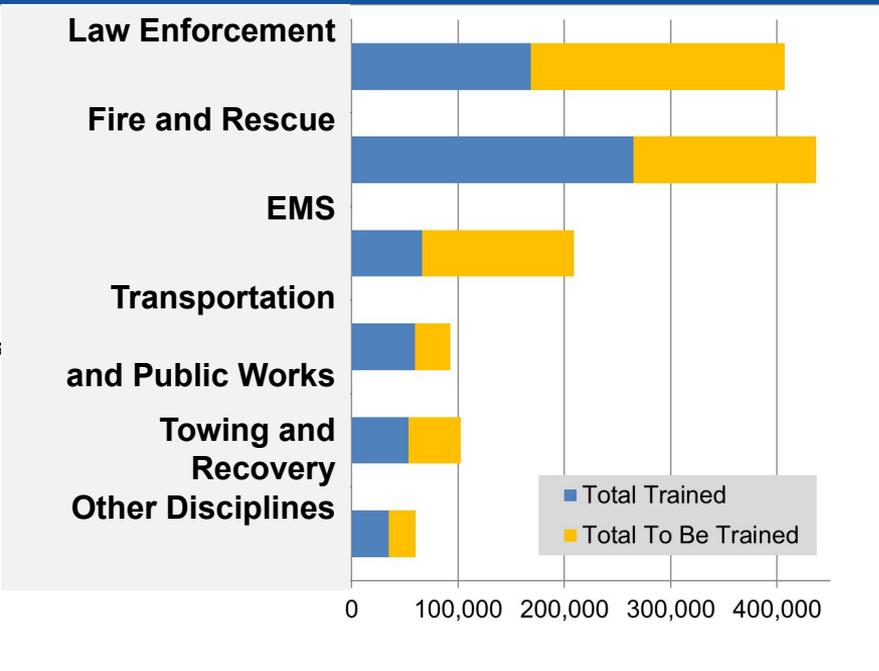
Many agencies have **laws, administrative rules, or policies** requiring National TIM Responder Training.



Source: FHWA.



Only 32% of EMS Responders Nationally are TIM Trained



All images source: FHWA.

Data based on FHWA TIM Training Status reported as of April 10, 2023. **There may be underreporting issues with this discipline.

Our Ask for the EMS Community

Promote “institutionalizing” the National TIM training in your State

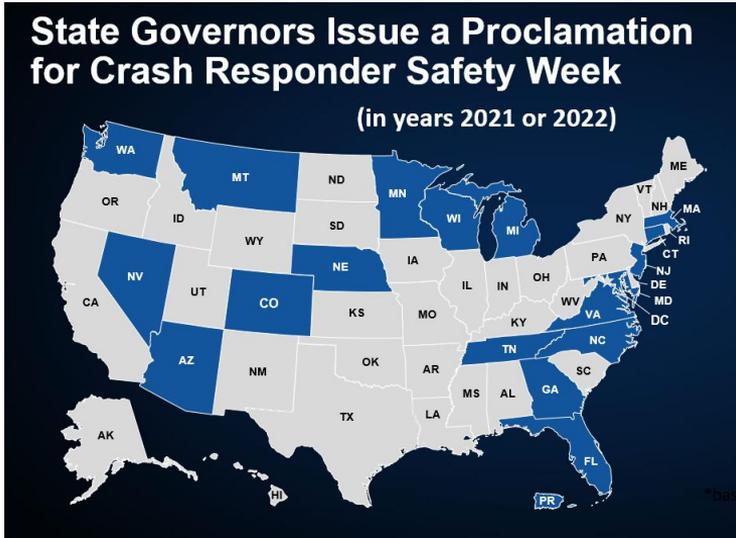
After training all personnel in TIM, the Houston Fire Department experienced a 40% reduction in on-scene time for motor vehicle incidents.



Photo: Enforcement Engineering, Inc.



CRASH RESPONDER SAFETY WEEK (CRSW)



Source: FHWA.

CRSW: November 13-17, 2023

Connect with State-level Transportation, Law Enforcement, Fire, EMS, and Towing entities to request a Governor's Proclamation for CRSW

[Proclamation Request Process by State](#)

Learn more: https://ops.fhwa.dot.gov/tim/crash_responder.htm

Questions



**Please submit questions
through the webinar platform**

Questions?

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Thank You